SREE SANKARA VIDYAPEETOM COLLEGE, VALAYANCHIRANGARA

Report on Workshop on Research Oriented Statistical Modelling using R

Programme Details in a nutshell	
Name of the Event	Three Day Workshop on Research Oriented Statistical Modelling using R
Nature of the Event	Research Methodology
Objectives	To equip participants with the knowledge, skills, and practical experience required to perform statistical modeling using the R programming language. To provide participants with a comprehensive understanding of statistical techniques, hands-on training with R software, and insights into research-oriented statistical modeling.
Resource person	Dr. Bindu Krishnan
Date and Time	20/09/2021 to 22/09/2021, 02:00 to 4:00 pm
Beneficiaries	PG Students No. of participants 33
Venue or Platform	Google Meet
Organising dept/ Cell	PG Department of Computer Science
Coordinator	Smt. Ambili M.S.
Outcome/ Benefit of the programme	Participants developed a strong foundation in statistical modeling using R, enabling them to apply advanced statistical techniques in their research projects

PROGRAMME REPORT

The Three-Day Workshop on Research Oriented Statistical Modelling Using R, organized by the PG Department of Computer Science, was held from September 20 to September 22, 2021. The workshop aimed to equip participants with the knowledge and skills required for research-oriented statistical modeling using the R programming language. The sessions were conducted on the Google Meet platform, providing a convenient virtual learning environment.

The workshop featured Dr. Bindu Krishnan, Professor and Head of the Department of Data Science Cs and IT in JAIN (Deemed-to-be-University), Kochi, as the resource person. Dr. Krishnan's expertise and experience in the field of Data Science and Statistical Modeling enriched the workshop's content and ensured high-quality guidance for the participants.

Throughout the three days, participants engaged in interactive sessions that encourage active participation and facilitated a deeper understanding of statistical modeling concepts. The workshop emphasized hands-on training, allowing participants to gain practical experience with the R software. This hands-on approach enabled them to apply statistical modeling techniques in a research-oriented context, enhancing their proficiency in data analysis and interpretation.

One of the notable aspects of the workshop was that there were no registration fees, making it accessible to a wider audience. This inclusive approach encouraged participants from diverse backgrounds to enroll and benefit from the program. To acknowledge their active participation and newly acquired skills, e-certificates were provided to all workshop attendees upon successful completion. The workshop equipped participants with the necessary tools and techniques to conduct research-oriented statistical modeling, enhancing their research capabilities and contributing to their academic and professional growth. The acquired skills and knowledge from the workshop enhanced participants' professional profiles, making them more competitive in the job market and opening avenues for research opportunities and career advancement.

Figure 1 Brochure of the event

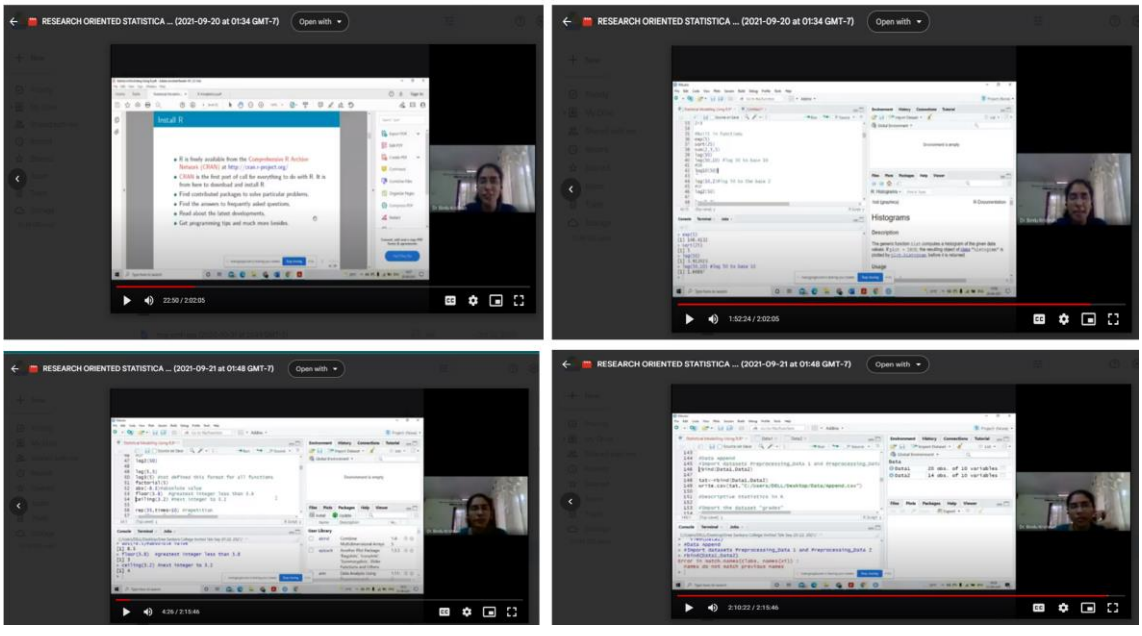

Figure 2 Screenshots of the workshop

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PROFILE OF RESOURCE PERSON

Dr. Bindu Krishnan is a Doctorate holder in Statistics with more than 20 years of experience in academics and research. She is currently working as Professor & Head of Department of Data Science, Computer Science & Information Technology in Jain University, Kochi, Kerala, India. Prior to this, she had served as Head of Department of Analytics, Associate Professor and as Assistant Professor in various institutions. She had achieved her PhD in Statistics from Bharathiar University on the topic "A Study on Certain Heavy-tailed distributions and their Applications in Time Series Modelling" and her Master's Degree in Statistics is from Cochin University of Science and Technology and Master of Technology in Computer Science and Engineering - Data Science and Artificial Intelligence also from Cochin University of Science and Technology. She has also achieved a lot of Certifications in the area of Data Science and Artificial Intelligence, including Certifications on 'Data Processing using R' and 'Machine Learning using Python' from Indian Statistical Institute, Bangalore.

LIST OF PARTICIPANTS

Sl.No.	Name of Course/Department	Name of student/Faculty
1	B.Sc. Computer science	Abhinav K Binoy
2	B.Sc. Computer science	Afin Reji
3	B.Sc. Computer science	Akshay Suresh
4	B.Sc. Computer science	Aswathy P A
5	B.Sc. Computer science	Meera Raj
6	B.Sc. Computer science	Ahalya Dinesh
7	B.Sc. Computer science	Akhila Valsan
8	B.Sc. Computer science	Amal Babu
9	B.Sc. Computer science	Anjitha Suresh
10	B.Sc. Computer science	Aakash P S

11	B.Sc. Computer science	Ameen V Ashraf
12	B.Sc. Computer science	Ancy Mol K K
13	B.Sc. Computer science	Athira Unnikrishnan
14	B.Sc. Computer science	Devadathan P B
15	B.Sc. Computer science	Krishnanunni Anil
16	B.Sc. Computer science	Surya Prasad
17	B.Sc. Computer science	Yadhukrishnan Raju
18	M.Sc. Computer science	Muhammed Shereef M N
19	M.Sc. Computer science	Silpa Chandran
20	M.Sc. Computer science	Akshay Vinod
21	M.Sc. Computer science	Amal K R
22	M.Sc. Computer science	Krishnajith
23	M.Sc. Computer science	Govind Ganesh
24	M.Sc. Computer science	Jitha
25	M.Sc. Computer science	Devika E
26	M.Sc. Computer science	Parvathy V G
27	M.Sc. Computer science	Bisme Benny
28	M.Sc. Computer science	Aparna Ajith
29	M.Sc. Computer science	Gokul Gopi
30	M.Sc. Computer science	Irin Mary Jose
31	M.Sc. Computer science	Meenakshi Rajesh
32	M.Sc. Computer science	Amijith Suresh
33	M.Sc. Computer science	Dawn Wilson

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(VIA) PERUMBAVOOR